



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 24, 2022

Viviana Torres  
Assistant Regulatory Manager  
LESCO Inc.  
1385 East 26<sup>th</sup> St.  
Cleveland, OH 44114

Subject: Registration Review Label Mitigation for Trifluralin  
Product Name: LESCO Trifluralin 5G Herbicide  
EPA Registration Number: 10404-118  
Application Date: 3/30/2020  
Decision Number: 561184

Dear Viviana Torres:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Trifluralin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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Decision No. 561184

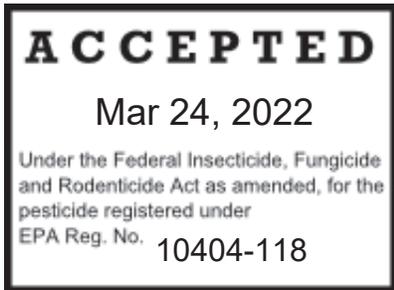
If you have any questions about this letter, please contact Quinn Gavin by phone at 202-566-2284, or via email at [gavin.quinn@epa.gov](mailto:gavin.quinn@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure



TRIFLURALIN	GROUP	<b>3</b>	HERBICIDE
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# LESCO® TRIFLURALIN 5G HERBICIDE

(alternate brandnames  
**LESCO® Treflan® 5G Herbicide**  
**LESCO® Treflan® 500 Granules Herbicide)**

**A selective preemergence herbicide for control of certain annual grasses and broadleaf weeds in:**

- Container Grown Ornamentals
- Landscape Ornamentals
- Nursery Stock
- Groundcovers
- Established Flowers
- Ornamental Bulbs
- Non-Bearing Fruit and Nut Trees and Non-Bearing Vineyards
- Christmas Tree Plantations
- Non-Cropland
- Under Paved Surfaces

Active Ingredient:

trifluralin: a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine .....	5%
Other Ingredients .....	95%
Total .....	100%

Contains 2 lb active ingredient per 40 lb bag.

## Keep Out of Reach of Children **CAUTION**

If you do not understand the label, find someone to explain it to you in detail.

**Agricultural Use Requirements**  
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

In case of emergency endangering health or the environment involving this product call Chem-Trec at 1-800-424-9300.

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## Precautionary Statements

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### Hazards to Humans and Domestic Animals

# CAUTION

### Causes Moderate Eye Irritation

**Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.**

### Personal Protective Equipment (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves, such as butyl rubber  $\geq$  11 mils; or natural rubber  $\geq$  14 mils; or nitrile rubber  $\geq$  14 mils
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### Engineering Controls

When handlers use closed systems, enclosed cabs, in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d) (4-6), the handler PPE requirements may be reduced or modified as specific in the WPS.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### First Aid

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Chem-Trec at 1-800-424-9300 for emergency medical treatment information.

## **Environmental Hazards**

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply in a manner that will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters or rinsate.

**NON-TARGET ORGANISM ADVISORY STATEMENT:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

## **Weed Resistance Management**

For resistance management, LESCO® Trifluralin 5G Herbicide is a Group 3 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of LESCO® Trifluralin 5G Herbicide or other Group 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers mechanical control methods, cultural, biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: 1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; 2) a spreading patch of non-controlled plants of a particular weed species; 3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or pest control advisor for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of plants and weed biotypes.

Contact your local sales representative, or extension agent to find out if suspected resistant weeds to this product have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions

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## Directions for Use

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It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

This product must be soil-incorporated within 24 hours of application either by mechanical incorporation or at least 0.5 acre inch of water (rainfall, irrigation). If a second incorporation is needed it should be delayed 3 to 5 days after the first incorporation and be completed prior to planting.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves
- Shoes plus socks

### Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do enter or allow others to enter the treated area until the surface is dry after the watering-in.

## Information

This product is a preemergence herbicide for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, groundcovers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards, Christmas tree plantations, non-cropland, and under paved surfaces. Apply this product before or after planting, but prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed. Repeat applications should not be made sooner than 60 days after a previous application of this product. Do not apply over 240 lb per acre total of this product within a 12-month period.

## Use Precautions and Restrictions

Do not apply when wind conditions favor drift of this product from the target area.

Do not aerially apply this product.

This product does not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation, is required to activate this product. Optimum weed control is obtained when this product is activated within 3 days of application. If rainfall or irrigation has not occurred within 3 days of application and tillage is possible, this product may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1 to 2 inches of soil. Failure to activate this product within 3 days of application may result in erratic weed control.

Optimum weed control will be obtained when followed by overhead irrigation or rainfall within a few hours after surface application.

## Weeds controlled

The following weeds are controlled when this product is applied at 80lb per acre (1.8lb per 1000sq.ft):

Common Name	Scientific Name
barley, hare	<i>Hordeum leporinum</i>
barnyardgrass (watergrass)	<i>Echinochloa crus-galli</i>
bluegrass, annual	<i>Poa annua</i>
brome	<i>Bromus spp.</i>
cheat	<i>Bromus secalinus</i>
crabgrass	<i>Digitaria spp.</i>
cupgrass, southwestern	<i>Eriochloa gracillis</i>
fescue, rattail	<i>Vulpia myuros</i>
foxtail	<i>Setaria spp.</i>
goosegrass	<i>Eleusine indica</i>
junglerice	<i>Echinochloa colonum</i>
lovegrass	<i>Eragrostis spp.</i>
oat, wild	<i>Avena fatua</i>
panicum, fall	<i>Panicum dichotomiflorum</i>
sandbur, field	<i>Cenchrus incertus</i>
signalgrass	<i>Brachiaria spp.</i>
sprangletop, Mexican	<i>Leptochloa univervia</i>
stinkgrass	<i>Eragrostis cilianensis</i>
witchgrass	<i>Panicum capillare</i>

## Annual Broadleaf Weeds

chickweed, common	<i>Stellaria media</i>
goosefoot, nettleleaf	<i>Chenopodium murale</i>
knotweed, prostrate	<i>Polygonum aviculare</i>
kochia	<i>Kochia scoparia</i>
lambsquarters, common	<i>Chenopodium album</i>
nettle, stinging	<i>Urtica dioica</i>
pigweed	<i>Amaranthus spp.</i>
purslane, common	<i>Portulaca oleracea</i>
thistle, Russian	<i>Salsola iberica</i>

The following weeds are partially controlled or suppressed when this product is applied at 80lb per acre (1.8lb per 1000sq.ft):

Common Name	Scientific Name
carpetweed	<i>Mollugo verticillata</i>
johnsongrass (from seed)	<i>Sorghum halepense</i>
panicum, Texas	<i>Panicum texanum</i>
pusley, Florida	<i>Richardia scabra</i>
shattercane	<i>Sorghum bicolor</i>

## Application Directions

Apply this product using a drop or rotary-type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or plant injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first

## Application Techniques

When using a drop-type spreader, a splash board mounted under the hopper will provide more even granule distribution.

A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.

For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.

A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, hard to treat areas. Carefully measure the amount of product needed to avoid over-application.

## Uses

### Container Grown Ornamentals, Landscape Ornamentals, Nursery Stock, Groundcovers, Established Flowers, Ornamental Bulbs, Non-Bearing Fruit and Nut Trees and Non-Bearing Vineyards, and Christmas Tree Plantations

This product may be used as a preemergence treatment for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, groundcovers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards and Christmas tree plantations. Apply this product before or after planting but prior to germination of target weeds, or immediately after cultivation.

Refer to the Information section of this label for use precautions and information on application, application rates and weeds controlled.

**Special Use Precautions and Restrictions:**

To avoid possible injury, do not apply this product to:

- nursery forest or Christmas tree seedling beds, cutting beds, or transplant beds
- unrooted liners or cuttings that have been planted in pots for the first time
- pots less than four inches wide
- groundcovers until they are established and well rooted

Do not apply this product to newly transplanted ornamentals, nursery stock, groundcovers, flowers and non-bearing fruit and nut crops and non-bearing vineyards until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Do not make preplant applications of this product to areas where gladioli corms less than one inch in diameter will be planted or injury may occur.

Do not apply this product in greenhouse or other enclosed structures.

Do not make repeat applications sooner than 60 days after a previous application of this product.

Do not apply over 240 lb per acre total of this product within a 12-month period.

Users who wish to use this product on plant species not recommended on this label may determine suitability for such uses by making trial application of this product at the listed rate to small number of plants. Prior to using this product on a larger number of plants, the treated plants should be observed for signs of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species. **The user assumes responsibility for any plant damage or other liability resulting from the use of this product on plant species not listed on this label.**

This product may be used on the following established plant species when container grown or field grown:

Common Name	Scientific Name
<b>Trees</b>	
balsam fir	<i>Abies balsamea</i>
white fir	<i>Abies concolor</i>
albus-flowering maple	<i>Abutilon hybridum</i>
luteus-flowering maple	
roseus-flowering maple	
tangerine-flowering maple	
vesuvius red-flowering maple	
flame maple	<i>Acer gimmala</i>
Norway maple	<i>Acer platanoides</i>
red maple	<i>Acer rubrum</i>
red sunset maple	
silver maple	<i>Acer saccharinum</i>
sugar maple	<i>Acer saccharum</i>
queen palm	<i>Areacastrum romanzoffianum</i>
river birch	<i>Betula nigra</i>
paper birch	<i>Betula papyrifera</i>
European white birch	<i>Betula pendula</i>
bottle tree	<i>Brachychiton populneus</i>

black olive	<i>Bucida buceras</i>
Chinese chestnut	<i>Castanea mollissima</i>
carob	<i>Ceratonia siliqua</i>
redbud	<i>Cercis canadensis</i>
fillicoides-fernspray cypress	<i>Chamaecyparis obtuse</i>
gracilis-slender hinoki cypress	
swara false cypress	<i>Chamaecyparis pisifera</i>
squarrosa-moss cypress	
palm	<i>Chamaedorea cataractarum</i>
palm	<i>Chamaedorea costaricana</i>
Parlor palm	<i>Chamaedorea elegans</i>
cloud nine dogwood	<i>Cornus florida</i>
flowering dogwood	
dogwood, kousa	<i>Cornus kousa</i>
green hawthorn	<i>Crataegus viridis</i>
carrot wood	<i>Cupaniopsis anacardiodes</i>
Arizona cypress	<i>Cupressus glabra</i>
Russian olive	<i>Elaeagnus angustifolia</i>
redgum eucalyptus	<i>Eucalyptus camaldulensis</i>
mealy eucalyptus	<i>Eucalyptus cinera</i>
silver dollar eucalyptus	
coolibah tree	<i>Eucalyptus microtheca</i>
red ironbark eucalyptus	<i>Eucalyptus sideroxylon</i>
figus	<i>Ficus benjamina</i>
mini ficus	
white ash	<i>Fraxinus americana</i>
shamel ash	<i>Fraxinus udhei</i>
ginko-maidenhair tree	<i>Ginko biloba</i>
honey locust	<i>Gleditsia triacanthos</i>
shademaster honey locust	
toyon	<i>Heteromeles arbutiflora</i>
Florida anise-tree	<i>Illicium floridanum</i>
eastern red cedar	<i>Juniperus virginiana</i>
Japanese larch	<i>Larix kaempferi</i>
American sweet gum	<i>Liquidambar styraciflua</i>
tuliptree	<i>Liriodendron tulipifera</i>
magnolia	<i>Magnolia spp.</i>
crabapple	<i>Malus spp.</i>
white mulberry	<i>Morus alba</i>
banana	<i>Musa aluminata</i>
blackgum	<i>Nyssa sylvatica</i>
sourwood	<i>Oxydendrum arboreum</i>
Norway spruce	<i>Picea abies</i>
pendula-weeping Norway spruce	
repens-spreading Norway spruce	
dwarf Alberta spruce	<i>Picea glauca conica</i>
white spruce	<i>Picea glauca</i>
dwarf globe blue spruce	<i>Picea pungens</i>
glauca-Colorado blue spruce	
hoopsii-hoop's blue spruce	
koster-koster blue spruce	
bristlecone pine	<i>Pinus aristata</i>
canary island pine	<i>Pinus canariensis</i>
shore pine, beach pine	<i>Pinus contorta</i>
eldarica pine	<i>Pinus eldarica</i>
Bosnian pine	<i>Pinus leucodermis</i>
pumillo-shrubby Swiss mountain pine	<i>Pinus mugo</i>
Austrian black pine	<i>Pinus nigra</i>

monterey pine	<i>Pinus radiata</i>
red pine	<i>Pinus resinosa</i>
loblolly	<i>Pinus taeda</i>
white pine	<i>Pinus strobus</i>
columnar Scotch pine	<i>Pinus sylvestris</i>
Scotch pine	
Japanese black pine	<i>Pinus thunbergiana</i>
London planetree	<i>Platanus acerifolia</i>
American sycamore	<i>Platanus occidentalis</i>
California sycamore	<i>Platanus racemosa</i>
podocarpus	<i>Podocarpus spp.</i>
cottonwood	<i>Populus deltoides</i>
Chilean mesquite	<i>Prosopis chilensis</i>
yoshino flowering cherry	<i>Prunus yedoensis</i>
douglas fir	<i>Pseudotsuga menziesii</i>
scarlet oak	<i>Quercus coccinea</i>
bear oak	<i>Quercus ilicifolia</i>
pin oak	<i>Quercus palustris</i>
willow oak	<i>Quercus phellos</i>
red oak	<i>Quercus rubra</i>
live oak	<i>Quercus virginiana</i>
black locust	<i>Robinia pseudoacacia</i>
willow	<i>Salix spp.</i>
giant sequoia	<i>Sequoiadendron giganteum</i>
mahogany	<i>Swietenia mahoganii</i>
yellow tab	<i>Tabebuia caraiba</i>
bald cypress	<i>Taxodium distichum</i>
linden	<i>Tilia spp.</i>
eastern hemlock	<i>Tsuga canadensis</i>
Chinese elm	<i>Ulmus parvifolia</i>
Mexican fan palm	<i>Washington robusta</i>
<b>Ornamental Shrubs</b>	
edward goucher abelia	<i>Abelia grandiflora</i>
glossy abelia	
abyssinica acacia	<i>Acacia abyssinica</i>
prostrate acacia	<i>Acacia redolens</i>
shoestring acacia	<i>Acacia stenophylla</i>
copper leaf	<i>Acalypha wilkesiana</i>
amur maple	<i>Acer ginnala</i>
coral bark Japanese maple	<i>Acer palmatum</i>
dwarf Japanese maple	
century plant	<i>Agave americana</i>
false spiraea	<i>Astilbe chinensis</i>
Japanese painted fern	<i>Athyrium nipponicum</i>
coyotebrush	<i>Baccharis pilularis</i>
william penn barberry	<i>Berberis gladwynensis</i>
mentor barberry	<i>Berberis mentorensis</i>
atropurea-red leaf Japanese barberry	<i>Berberis thunbergii</i>
aurea-golden Japanese barberry	
crimson pygmy barberry	
rose glow barberry	
barbara karst	<i>Bougainvillea spp.</i>
California gold	
pink pixie	
scarlet o'hara	
temple fire	
Texas dawn	

Japanese boxwood	<i>Buxus microphylla japonica</i>
Korean boxwood	<i>Buxus microphylla Koreana</i>
common boxwood	<i>Buxus sempervirens</i>
lemon bottlebrush	<i>Callistemon citrinus</i>
weeping bottlebrush	<i>Callistemon viminalis</i>
spring torch scotch heather	<i>Calluna vulgaris</i>
sasanqua camellia	<i>Camellia sasanqua</i>
Japanese camellia	<i>Camellia japonica</i>
feathery cassia	<i>Cassia artemisioides</i>
wild lilac	<i>Ceanothus spp.</i>
plum yew	<i>Cephalotaxus drupacae</i>
snow-in-summer	<i>Cerastium tomentosum</i>
kosteri cypress	<i>Chamaecyparis obtusa spp.</i>
nana-dwarf hinoki cypress	
torulosa cypress	
filifera-thread cypress	<i>Chamaecyparis pisifera</i>
areca palm	<i>Chrysalidocarpus lutescens</i>
summersweet	<i>Clethra alnifolia</i>
sibirica-siberian dogwood	<i>Cornus alba</i>
baileyi red osier dogwood	<i>Cornus stolonifera</i>
flaviramea-yellowtwig dogwood	
royal purple smoke tree	<i>Cotinus coggygria</i>
coral beauty smoke tree	<i>Cotinus dammeri</i>
eichholz smoke tree	
praecox-early cotoneaster	<i>Cotoneaster adpressus</i>
cranberry cotoneaster	<i>Cotoneaster apiculatus</i>
Pyrenees cotoneaster	<i>Cotoneaster congestus</i>
Bearberry cotoneaster	<i>Cotoneaster dammeri</i>
Himalayan cotoneaster	<i>Cotoneaster Himalayan</i>
rock cotoneaster	<i>Cotoneaster horizontalis</i>
zabel cotoneaster	<i>Cotoneaster zabelii</i>
sago palm	<i>Cycas revoluta</i>
hollandia-warminster broom	<i>Cytisus praecox</i>
lena-Scotch broom	<i>Cytisus scoparius</i>
fragrant daphne	<i>Daphne odora</i>
deutzia	<i>Deutzia spp.</i>
hopseed bush	<i>Dodonea viscosa</i>
fruitland silver berry	<i>Elaeagnus pungens</i>
purple bell heather	<i>Erica cinerea</i>
mediterranean pink heather	<i>Erica x darleyensa</i>
cornish heather	<i>Erica vagans</i>
winged euonymus	<i>Euonymus alatus</i>
canadale gold euonymus	<i>Euonymus fortunei</i>
emerald n gold euonymus	
sunspot euonymus	
wintercreeper euonymus	
silver king euonymus	<i>Euonymus japonica</i>
variegated evergreen euonymus	
spreading euonymus	<i>Euonymus kiautschovica</i>
pineapple guava	<i>Feijoa sellowiana</i>
forsythia	<i>Forsythia spp.</i>
august beauty gardenia	<i>Gardenia jasminoides</i>
gardenia	
radican gardenia	
salal/lemon leaf	<i>Gaultheria shallon</i>
carolina jessamine	<i>Gelsemium sempervirens</i>
woadwaxen	<i>Genista pilosa</i>
ross estey-hibiscus	<i>Hibiscus rosa-sinensis</i>

rose of sharon-heart	<i>Hibiscus syriacus</i>
rose of sharon-red bird	
rose of sharon-woodbridge	
holly	<i>Ilex spp.</i>
mystery gardenia	<i>Illicium annisatum</i>
henry garnet holly leaf sweetspire	<i>Itea ilicifolia</i>
ixora	<i>Ixora collinea</i>
juniper	<i>Juniperus spp.</i>
mountain laurel	<i>Kalmia latifolia</i>
crepe myrtle	<i>Lagerstroemia indica</i>
lantana	<i>Lantana spp.</i>
coast leucothoe	<i>Leucothoe axillaris</i>
drooping leucothoe	<i>Leucothoe fontainesiana</i>
privet	<i>Ligustrum spp.</i>
Chinese fountain palm	<i>Livistona chinensis</i>
flowering woodbine	<i>Lonicera periclymenum</i>
serotina woodbine	
trumpet honeysuckle	<i>Lonicera sempervirens</i>
leather leaf mahonia	<i>Mahonia bealei</i>
creeping mahonia	<i>Mahonia repens</i>
wax myrtle	<i>Myrica cerifera</i>
compacta-dwarf heavenly bamboo	<i>Nandina domestica</i>
harbour dwarf-heavenly bamboo	
heavenly bamboo	
nana-compacta-heavenly bamboo	
nana-purpurea-heavenly bamboo	
woods dwarf heavenly bamboo	
hardy red oleander	<i>Nerium oleander</i>
oleander	
ruby lace oleander	
fortunes osmanthus	<i>Osmanthus fortunei</i>
mockorange	<i>Philadelphus spp.</i>
pigmy date palm	<i>Phoenix roeloenii</i>
fraser's photinia	<i>Photinia fraseri</i>
Japanese andromeda	<i>Pieris japonica</i>
mountain fire lily-of-the-valley	
snowdrift lily-of-the-valley	
templebells lily-of-the-valley	
valley rose lily- of-the-valley	
valley valentine lily-of-the-valley	
forest flame lily-of-the-valley	<i>Pieris japonica x forestii</i>
mugo-mugo pine	<i>Pinus mugo</i>
green pittosporum	<i>Pittosporum tobira</i>
Japanese pittosporum	
wheeler's dwarf pittosporum	
blue cape plumbago	<i>Plumbago ariculata</i>
plumbago	<i>Plumbago capensis</i>
yewpine	<i>Podocarpus macrophyllus</i>
tassel fern	<i>Polystichum polyblepharum</i>
cinquefoil	<i>Potentilla spp.</i>
carolina laurel cherry	<i>Prunus caroliniana</i>
dwarf pink flowering almond	<i>Prunus gladulosa</i>
pyracantha	<i>Pyracantha spp.</i>
charisma-monruce raphiolepis	<i>Raphiolepis indica</i>
enchantress-moneess raphiolepis	
India hawthorn	
springtime-monme raphiolepis	
roundleaf raphiolepis	<i>Raphiolepis ovata</i>

azalea/rhododendron	<i>Rhododendron spp.</i>
Africa sumac	<i>Rhus lancea</i>
ramanas rose	<i>Rosa rugosa</i>
rosemary	<i>Rosmarinus officinalis</i>
Japanese skimmia	<i>Skimmia japonica</i>
reeve's skimmia	<i>Skimmia revesiana</i>
Anthony waterer spiraea	<i>Spiraea bumalda</i>
dolchia spiraea	<i>Spiraea japonica</i>
Japanese alpine spiraea	
shirobana spiraea	
bridal wreath	<i>Spiraea vanhouttii</i>
Chinese lilac	<i>Syringa rothomagensis</i>
common lilac	<i>Syringa vulgaris</i>
upright Japanese yew	<i>Taxus cuspidata</i>
anglojap yew	<i>Taxus media</i>
cape honeysuckle	<i>Tecomaria capensis</i>
	<i>Ternstroemia gymnanthera</i>
American arborvitae	<i>Thuja occidentalis</i>
emerald arborvitae	
globosa-globe arborvitae	
little giant-dwarf arborvitae	
nigra-dark American arborvitae	
pyramidalis-pyramid arborvitae	
rheingold arborvitae	
techny arborvitae	
aureus nana-dwarf golden arborvitae	<i>Thuja orientalis</i>
minima glauca-dwarf arborvitae	
Christmas palm	<i>Veitchia merrilli</i>
viburnum	<i>Viburnum spp.</i>
weigela	<i>Weigela spp.</i>
xylosma	<i>Xylosma congestum</i>
yucca	<i>Yucca filamentosa</i>
<b>Groundcovers</b>	
wooly yarrow	<i>Achillea tomentosa</i>
lily-of-the-nile	<i>Agapanthus spp.</i>
carpet bugle	<i>Ajuga spp.</i>
beechgrass	<i>Ammophila breviligulata</i>
cape weed	<i>Arctotheca calendula</i>
thrift	<i>Armeria maritima</i>
asparagus fern	<i>Asparagus densiflorus</i>
bellflower	<i>Campanula spp.</i>
cariegated carex	<i>Carex spp.</i>
largeleaf iceplant	<i>Carpobrotus edulis</i>
dwarf plumbago	<i>Ceratostigma plumbaginoides</i>
rockrose	<i>Cistus spp.</i>
coreopsis	<i>Coreopsis spp.</i>
crown vetch	<i>Coronilla vana</i>
pampas grass	<i>Cortaderia selloana</i>
cotoneaster	<i>Cotoneaster spp.</i>
white iceplant	<i>Delosperma alba</i>
descampsia	<i>Descampsia caespitosa</i>
trailing rosea iceplant	<i>Drosantheum floribundum</i>
iceplant	<i>Drosantheum hispidum</i>
blue fescue	<i>Festuca ovina glauca</i>
strawberry, beach	<i>Fragaria chiloensis</i>
gazania	<i>Gazania spp.</i>
golden hakonechloa	<i>Hakonechloa macroaureola</i>

Algerian ivy	<i>Hedera canariensis</i>
English ivy	<i>Hedera helix</i>
daylily	<i>Hemerocallis spp.</i>
rupturewort	<i>Herniaria glabra</i>
albo-marginata hosta	<i>Hosta lancifolia</i>
aaronsbeard	<i>Hypericum spp.</i>
St. Johnswort	
angelwing jasmine	<i>Jasminum nitidum</i>
trailing iceplant	<i>Lampranthus spectabilis</i>
white lily turf	<i>Liriope gigantea</i>
big blue ivy	<i>Liriope muscari</i>
lilac beauty lily turf	
majestic lily turf	
silvery sunproof lily turf	
variegated liriopelily turf	
green/creeping lily turf	<i>Liriope spicata</i>
eulalia grass	<i>Miscanthus sinensis</i>
creeping wirevine	<i>Muehlenbeckia axillaris</i>
myoporum	<i>Myoporum laetum</i>
dwarf mondo grass	<i>Ophiopogon japonicus</i>
mondo grass	
trailing African daisy	<i>Osteospermum fruiticosum</i>
Japanese spurge	<i>Pachysandra terminalis</i>
fountain grass	<i>Pennisetum alopecuroides</i>
ribbon grass	<i>Phalaris arundinacea picta</i>
stonecrop (sedum)	<i>Sedum spp.</i>
germander	<i>Teucrium chamaedrys</i>
Asian jasmine	<i>Trachelospermum asiaticum</i>
verbena	<i>Verbena spp.</i>
speedwell	<i>Veronica spp.</i>
periwinkle	<i>Vinca spp.</i>
<b>Established Flowers</b>	
yarrow	<i>Achillea spp.</i>
floss flower	<i>Ageratum houstonianum</i>
alyssum	<i>Alyssum spp.</i>
snapdragon	<i>Antirrhinum majus</i>
African daisy	<i>Arctotis spp.</i>
silver mound	<i>Artemisia schmidtiana</i>
dusty miller	<i>Artemisia stellerana</i>
aster (perennial)	<i>Aster spp.</i>
begonia	<i>Begonia spp.</i>
calendula	<i>Calendula officianalis</i>
cornflower	<i>Centaurea cyanus</i>
velvet centaurea	<i>Centaurea gymnocarpa</i>
sweet sultan	<i>Centaurea moschata</i>
chrysanthemum	<i>Chrysanthemum spp.</i>
morningglory	<i>Convolvulus spp.</i>
coreopsis	<i>Coreopsis spp.</i>
cosmos	<i>Cosmos spp.</i>
dahlia	<i>Dahlia spp.</i>
dianthus	<i>Dianthus spp.</i>
bleeding heart	<i>Dicentra eximia</i>
Foxglove	<i>Digitalis mertonensis</i>
common foxglove	<i>Digitalis purpurea</i>
marigold , cape	<i>Dimorphotheca spp.</i>
purple coneflower	<i>Echinacea purpurea</i>
California poppy	<i>Eschschozia californica</i>

snow-on-the-mountain	<i>Euphorbia marginata</i>
geranium	<i>Geranium spp.</i>
geum	<i>Geum spp.</i>
gaillardia	<i>Gaillardia spp.</i>
gladiolus	<i>Gladiolus spp.</i>
guara	<i>Guara lindheimeri</i>
baby's breath	<i>Gypsophila paniculata</i>
sunflower	<i>Helianthus spp.</i>
coral bells	<i>Heuchera spp.</i>
aaron's beard	<i>Hypericum calycinum</i>
balsam	<i>Impatiens balsamina</i>
impatiens	<i>Impatiens spp.</i>
iris	<i>Iris spp.</i>
ixora	<i>Ixora spp.</i>
sweet pea	<i>Lathyrus spp.</i>
English lavender	<i>Lavandula angustifolia</i>
shasta daisy	<i>Leucanthemum superbum</i>
gayfeather	<i>Liatris spicata</i>
statice	<i>Limonium spp.</i>
lobelia	<i>Lobelia spp.</i>
sweet alyssum	<i>Lobularia maritima</i>
lupine	<i>Lupines spp.</i>
stock	<i>Matthiola spp.</i>
four o'clock	<i>Mirabilis jalapa</i>
bee balm	<i>Monarda didyma</i>
forget-me-not	<i>Myosotis spp.</i>
nicotiana	<i>Nicotiana spp.</i>
ozark sundrop	<i>Oenothera missouriensis</i>
poppy, California	<i>Papaver spp.</i>
petunia	<i>Petunia hybrida</i>
beard tongue	<i>Penstemon barbatus</i>
Russian sage	<i>Perovskia atriplicifolia</i>
phlox	<i>Phlox spp.</i>
portulaca	<i>Portulaca grandiflora</i>
rose	<i>Rosa spp.</i>
blackeyed susan	<i>Rudbeckia hirta</i>
golden glow	<i>Rudbeckia laciniata</i>
salvia	<i>Salvia spp.</i>
pincushion flower	<i>Scabiosa spp.</i>
stonecrop	<i>Sedum spectabile</i>
lamb's ears	<i>Stachys spp.</i>
stoke's aster	<i>Stokesia laevis</i>
marigold	<i>Tagetes spp.</i>
painted daisy	<i>Tanacetum coccineum</i>
nasturtium	<i>Tropaeolum spp.</i>
speedwell	<i>Veronica spicata</i>
vinca	<i>Vinca spp.</i>
zinnia	<i>Zinnia spp.</i>

### Ornamental Bulbs

This product may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply this product to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. This product may also be applied following bulb emergence. For fall planted bulbs, apply this product again in late winter or early spring to weed-free soil surfaces.

## Non-Bearing Fruit and Nut Trees and Non-Bearing Vineyards

Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants that will not bear fruit for at least one year after treatment.

almond	fig	orange
apple	filbert	peach
apricot	gooseberry	pear
avocado	grape, American	pecan
blackberry	grape, European	pistachio
blueberry	grapefruit	plum
boysenberry	kiwi	pomegranate
cherry, sour	lemon	prune
cherry, sweet	loganberry	raspberry
currant	macadamia nut	walnut, black
dewberry	nectarine	walnut, English
elderberry	olive	

## Christmas Tree Plantations

Apply this product to established plantings of field grown Christmas tree species listed on this label. Do not apply to seedbeds or seedling transplant beds. Apply only to established plantings. Established plants are defined as those that have been transplanted into their final growing location for a sufficient period of time to allow the soil to be firmly settled around the roots from packing and rainfall or irrigation. Follow all instructions provided in the Information section of this label.

## Non-Cropland Areas

This product may be used as a preemergence herbicide for control of certain annual grasses and broadleaf weeds on industrial sites, utility substations, highway guard rails, sign posts and delineators.

Apply this product anytime prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Refer to the Information section prior to using this product on non-cropland.

## Under Paved Surfaces

### Site Preparation

This product should be used only where the soil to be treated has been prepared according to good construction practices. If rhizomes, stolons, tubers or other vegetative plant parts are present in the site, they should be removed by scalping with grader blade to a depth sufficient to ensure their complete removal.

### Application

Application may be made after the final road bed is established or after the base rock has been added. Do not move soil after application of this product and do not apply this product to soil where asphalt may be applied directly on top of the treated soil.

Paving should follow applications of this product as soon as possible.

Apply this product to ensure thorough coverage of the base rock layer. Apply with any granular applicator that will apply uniformly.

Apply the following amount of this product:

Amount of Trifluralin 5G	
Per Acre (lb)	Per 1000 sq ft (lb)
240-320	5.5-7.3

## **Storage and Disposal**

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Store in original container only. In case of leak or spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### **Nonrefillable containers 5 gallons or less:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### **Nonrefillable nonrigid containers:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### **Refillable rigid containers larger than 5 gallons:**

**Container Handling:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### **Nonrefillable rigid containers larger than 5 gallons:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close, close tightly. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

**To confine spill:** Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully and completely. It is impossible to eliminate all risks inherently associated with the use of this product. To the extent consistent with applicable law, Buyer and/or User assume all risks of ineffectiveness or other unintended consequences or damages that may result from conditions outside or beyond the control of LESCO, Inc. including but not limited to, such factors as manner of use or application, weather or weather conditions outside the range considered normal at the application site or for the time period in which the product is applied, the presence of other materials, incompatible products, or other influencing factors which are beyond the control of LESCO, Inc.. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and/or User, and Buyer and/or User agrees to hold LESCO, Inc. harmless for any claims relating to such factors.

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Rev. 10/21/20 VT (11232015)

**EPA. Reg. No. 10404-118**

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First letter in lot code indicates manufacturing site.

**Net Weight: XX lb. (XX.X kg)**

**#XXXXXX**

Manufactured for:  
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